

Name : _____

Dividing Polynomials

Sheet 1

Divide by synthetic method.

1) $(x^4 - 6x^3 + 4x^2 + 3x + 1) \div (x - 3)$

2) $(2b^2 + 4b + 3) \div (b + 5)$

3) $(-8h^3 + 3h^2 + 5)$

$8) \div (2z - 5)$

5) $(9p^2 - 24p - 12)$

$+ 1)$

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7) $(y^4 + 4y^3 + 58y - 5) \div (y + 6)$

8) $(4u^2 + u - 7) \div (4u - 7)$